

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#27/Cited Art
Hawkins
8/30/02

In re Application of:

Mats LEIJON et al.

Serial No. 08/952,990

Filed: April 9, 1998

) PATENT

) Group: 2834

) Examiner: MULLINS. B.

) Attorney Docket. No. 66291-175-2



For: ROTATING ELECTRIC MACHINE PLANTS

INFORMATION DISCLOSURE STATEMENT

August 8, 2002

Assistant Commissioner for Patents
Washington, D.C, 20231

Sir:

Applicant submits herewith two (2) Form PTO-1449s listing references which were submitted December 21, 2001 and May 9, 2002, respectfully. The references are not enclosed pursuant to the Decision on Petition dated December 1, 1999.

Respectfully submitted,

DYKEMA GOSSETT PLLC

John P. De Luca, Registration No. 25,505
Attorney for Applicants

DYKEMA GOSSETT PLLC
1300 I Street N.W.
Suite 300 W
Washington, D.C. 20005
(202) 906-8600

RECEIVED
AUG 12 2002
TECHNOLOGY CENTER 2800

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

66291-1

Application Number

08/952,990

Applicant(s)

Mats LEIJON et al.

Filing Date

April 9, 1998

Group Art Unit

2834

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

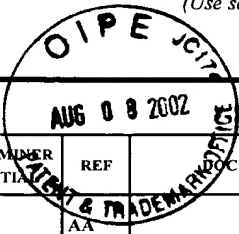
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	AL	WO 97/45908	20/05/1997	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



RECEIVED
AUG 12 2002
TECHNOLOGY CENTER 2800

INFORMATION DISCLOSURE CITATION LIST
ALTERNATE FORM PTO-1449
(additional to original listing)



Docket Number:

66291-175-2

Application Number

08/952,990

Applicant(s): Mats LEIJON et al.

Filing Date:

April 9, 1998

Group Art Unit:

2834

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	1	US 1,508,456	9/16/24	W.G.Lenz			
	2	US 1,904,885	4/18/33	G.A.Seeley			
	3	US 2,409,893	10/22/46	W.W. Pendleton et al			
	4	US 2,650,350	8/25/53	P.D. Heath			
	5	US 2,749,456	06/05/56	F.O. Luenberger			
	6	US 3, 014, 139	12/19/61	L.P. Shildneck			
	7	US 3,197,723	7/27/65	I.K.Dortort			
	8	US 3,392,779	7/16/68	K.B. Tilbrook			
	9	US 3,411,027	11/12/68	H. Rosenberg			
	10	US 3,541,221	11/17/70	M.Aupoix et al			
	11	US 3,571,690	3/23/71	V V A V Lataisa			
	12	US 3,651,244	3/21/72	D.A. Silver et al			
	13	US 3,660,721	5/2/72	L.L.Baird			
	14	US 3,666,876	5/30/72	E.O.Forster			
	15	US 3,684,906	8/15/72	H.G.Lexz			
	16	US 3,699,238	10/17/72	T.E.Hansen et al			
	17	US 3,743,867	7/3/73	J.L. Smith, Jr.			
	18	US 3,787,607	1/22/74	H.J.Schlaflly			
	19	US 3,813,764	6/4/74	E. Tanaka et al			
	20	US 3,828,115	8/6/74	A.Hvizd, Jr.			
	21	US 3,912,957	10/14/75	H.B. Reynolds			
	22	US 3,993,860	11/23/76	J.P.Snow et al			
	23	US 4,008,367	2/15/77	H. Sunderhauf			
	24	US 4,132,914	1/2/79	G.M. Khutoretsky			
	25	US 4,314,168	2/2/82	O. Breitenbach			
	26	US 4,321,426	3/23/82	F.K.Schaeffer			
	27	US 4,361,723	11/30/82	A.Hvizd Jr. et al'			
	28	US 4,365,178	12/21/82	H.G.Lexz			
	29	US 4,367,890	1/11/83	F.Spirk			
	30	US 4,384,944	5/24/83	D. A. Silver et al			
	31	US 4,401,920	8/30/83	R.S.Taylor et al			
	32	US 4,432,029	2/14/84	B. Lundqvist			
	33	US 4,437,464	3/20/84	J.J.Crow			
	34	US 4,484,106	11/20/84	R.S.Taylor et al			
	35	US 4,490,651	12/25/84	R.S.Taylor et al			
	36	US 4,508,251	4/2/85	K.Harada et al			
	37	US 4,520,287	5/28/85	D.C.Wang et al			
	38	US 4,571,453	2/18/86	M.Takaoka et al			
	39	US 4,615,778	10/7/86	R.K.Elton			
	40	US 4,622,116	11/11/86	R.K.Elton et al			
	41	US 4,652,963	3/24/87	N. Fahlen			
	42	US 4,723,083	2/2/88	R.K.Elton			

TECHNOLOGY CENTER 2800

AUG 12 2002

RECEIVED

Examiner

Date

Considered

*Examiner: Initial if reference is considered. whether or not citation is in conformance with MPFP 609. Draw line

INFORMATION DISCLOSURE CITATION LIST
ALTERNATE FORM PTO-1449

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
1		DE 209,313	4/25/84	Germany		
2		DE 134,022	12/28/01	Germany		
3		DE 1,465,719	5/22/69	Germany		
4		DE 19,020,222	3/13/97	Germany		
5		DE 19,620,906	1/8/96	Germany		
6		DE 386,561	12/13/23	Germany		
7		DE 3,925,337	2/7/91	Germany		
8		DE 406,371	11/21/24	Germany		
9		DE 4,402,184	8/3/95	Germany		
10		DE 4,438,186	5/2/96	Germany		
11		DE 975,999	1/10/63	Germany		
12		EP 0,102,513	1/22/86	European		
13		EP 0,185,788	7/2/86	European		
14		EP 0,221,404	5/16/90	European		
15		EP 0,503,817	9/16/92	European		
16		EP 0,620,630	10/19/94	European		
17		EP 0,739,087 A2	10/23/96	European		
18		EP 0,739,087 A3	3/27/97	European		
19		EP 0,749,193 A3	3/26/97	European		
20		EP 0,749,190 A2	12/18/96	European		
21		EP 0,913,912 A1	5/6/99	European		
22		FR 2,481,531	10/30/81	France		
23		FR 916,959	12/20/46	France		
24		EP 0,221,404	5/16/90	European		
25		EP 0,277,358	8/10/86	European		
26		EP 0,469,155 A1	2/5/92	European		
27		GB 2,150,153	6/26/85	United Kingdom		
28		GB 2,332,557	6/23/99	United Kingdom		
29		DE 468,827	7/13/97	Germany		
30		GB 666,883	2/20/52	United Kingdom		
31		GB 739,962	11/2/55	United Kingdom		
32		HU 175,494	11/28/81	Hungary		
33		JP 2,017,474	1/22/90	Japan		
34		JP 57,126,117	5/8/82	Japan		
35		JP 62,320,631	6/23/89	Japan		
36		JP 7,161,270	6/23/95	Japan		
37		JP 8,036,952	2/6/96	Japan		
38		JP 8,167,360	6/25/96	Japan		
39		SU 1,189,322	10-86	Switzerland		
40		SU 266,037	10/11/65	Switzerland		
41		SU 646,403	2/8/79	Switzerland		
42		WO 91/11841	8/8/91	PCT		
43		PCT SE 91/00077	4/23/91	Int'l Search Report		
44		WO 91/15755	10/17/91	PCT		
45		WO 97/29494	8/14/97	PCT		
46		WO 98/40627	9/17/98	PCT		

TECHNOLOGY CENTER 2800

AUG 12 2002

RECEIVED

Examiner

Date

Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609: Draw line

INFORMATION DISCLOSURE CITATION LIST
ALTERNATE FORM PTO-1449
(Corrected Listing of Original List)

ALTERNATE FORM PTO-1449

(Corrected Listing of Original List)

~~51 FEB~~

AUG 08 2002

TRADE MARK

43	US 4,724,345	2/9/88	R.K.Elton et al			
44	US 4,732,412	3/22/88	R. D.A. van der Linden et al			
45	US 4,761,602	8/2/88	G.Leibovich			
46	US 4,771,168	9/13/88	M.Gundersen et al			
47	US 4,859,989	8/22/89	H. McPherson			
48	US 4,890,040	12/26/89	M.A. Gundersen			
49	US 4,982,147	1/1/91	H.K.Lauw			
50	US 5,030,813	7/9/91	J. Stanisz			
51	US 5,091,609	2/25/92	K.Swada et al			
52	US 5,095,175	3/10/92	F.Yoshida et al			
53	US 5,171,941	12/15/92	H. Shimizu et al			
54	US 5,182,537	1/26/93	R.C.Thuis			
55	US 5,231,249	7/27/93	H.Kimura et al			
56	US 5,287,262	2/15/94	J.Klein			
57	US 5,325,259	6/28/94	L. Paulsson			
58	US 5,399,941	3/21/95	M.G.Grothaus et al			
59	US 5,408,169	4/18/95	R.Jeanneret			
60	US 5,449,861	9/12/95	T. Fujino et al			
61	US 5,499,178	3/12/96	N. Mohan			
62	US 5,533,658	7/9/96	R.B. Benedict et al			
63	US 5,534,754	7/9/96	M. Pourmey			
64	US 5,834,699	11/10/98	A.G.Buck et al			
65	US 847,008	3/12/07	I Kitsee			

RECEIVED

AUG 12 2002

TECHNOLOGY CENTER 2

RECEIVED
AUG 12 2002
TECHNOLOGY CENTER 2800

Subtotal	65170
----------	-------

Examine

Date
Considered

RECEIVED

AUG 12 2012

TECHNOLOGY CENTER 2800

51

Date Considered

INFORMATION DISCLOSURE CITATION LIST

ALTERNATE FORM PTO-1449
(Corrected Listing of Original List)



AUG 08 2002

OTHER REFERENCES (Including Title, Author, Date, Pertinent Pages, etc.)

		OD 044	A test installation of a self-tuned ac filter in the Konti-Skan 2 HVDC link; T. Holmgren, G. Asplund, S. Valdemarsson, P. Hidman of ABB; U. Jonsson of Svenska Kraftnat; O. loof of Vattenfall Vastsverige AB; IEEE Stockholm Power Tech Conference 6/1995, pp 64-70
	2	OD 045	Analysis of faulted Power Systems; P Anderson, Iowa State University Press / Ames, Iowa, 1973, pp 255-257
	3	OD 046	36-Kv. Generators Arise from Insulation Research; P. Sidler; <i>Electrical World</i> 10/15/1932, ppp 524
	4	OD 047	Oil Water cooled 300 MW turbine generator; L.P. Gnedin et al; <i>Elektrotehnika</i> , 1970, pp 6-8
	5	OD 048	J&P Transformer Book 11 th Edition; A. C. Franklin et al; owned by Butterworth - Heinemann Ltd, Oxford Printed by Hartnolls Ltd in Great Britain 1983, pp29-67
	6	OD 049	Transformerboard; H.P. Moser et al; 1979, pp 1-19
	7	OD 050	The Skagerrak transmission - the world's longest HVDC submarine cable link; L. Haglof et al of ASEA; ASEA Journal Vol 53, Number 1-2, 1980, pp 3-12
	8	OD 051	Direct Connection of Generators to HVDC Converters: Main Characteristics and Comparative Advantages; J. Arrillaga et al; <i>Electra</i> No. 149, 08/ 1993, pp 19-37
	9	OD 052	Our flexible friend article; M. Judge; <i>New Scientist</i> , 05/10/1997, pp 44-48
	10	OD 053	In-Service Performance of HVDC Converter transformers and oil-cooled smoothing reactors; G.L. Desilets et al; <i>Electra</i> No. 155, 08/1994, pp 7-29
	11	OD 054	Transformateurs a courant continu haute tension-examen des specifications; A. Lindroth et al; <i>Electra</i> No 141, 04/1992, pp 34-39
	12	OD 055	Development of a Termination for the 77 kV-Class High Tc Superconducting Power Cable; T. Shimonosono et al; IEEE Power Delivery, Vol 12, No 1, 01/1997, pp 33-38
	13	OD 056	Verification of Limiter Performance in Modern Excitation Control Systems; G. K. Girgis et al; IEEE Energy Conservation, Vol. 10, No. 3, 09/1995, pp 538-542
	14	OD 057	A High Initial response Brushless Excitation System; T. L. Dillman et al; IEEE Power Generation Winter Meeting Proceedings, 01/31/1971, pp 2089-2094
	15	OD 058	Design, manufacturing and cold test of a superconducting coil and its cryostat for SMES applications; A. Bautista et al; IEEE Applied Superconductivity, Vol 7, No. 2, 06/1997, pp 853-856
	16	OD 059	Quench Protection and Stagnant Normal Zones in a Large Cryostable SMES; Y. Lvovsky et al; IEEE Applied Superconductivity, Vol. 7, No. 2, 06/1997, pp 857-860
	17	OD 060	Design and Construction of the 4 Tesla Background Coil for the Navy SMES Cable Test Apparatus; D.W. Scherbarth et al; IEEE Applied Superconductivity, Vol. 7, No. 2, 06/1997, pp 840-843
	18	OD 061	High Speed Synchronous Motors Adjustable Speed Drives; ASEA Generation Pamphlet OG 135-101 E, 01/1985, pp 1-4
	19	OD 062	Billig burk motor overtonen; A. Felldin; <i>ERA (TEKNIK)</i> 08/1994, pp 26-28
	20	OD 063	400-kV XLPE cable system passes CIGRE test; ABB Article; ABB Review 09/1995, pp 38
	21	OD 064	FREQSYN - a new drive system for high power applications; J-A. Bergman et al; ASEA Journal 59, 04/1986, pp16-19
	22	OD 065	Canadians Create Conductive Concrete; J. Beaudoin et al; <i>Science</i> , Vol. 276, 05/23/1997, pp 1201
	23	OD 066	Fully Water-Cooled 190 MVA Generators in the Tonstad Hydroelectric Power Station; E. Ostby et al; BBC Review 08/1969, pp 380-385
	24	OD 068	Relocatable static var compensators help control unbundled power flows; R. C. Knight et al; <i>Transmission & Distribution</i> , 12/1996, pp 49-54
	25	OD 069	Investigation and Use of Asynchronized Machines in Power Systems*; N.I. Blotskii et al; <i>Elektrichstvo</i> , No. 12, 1-6, 1985, pp 90-99
	26	OD 070	Variable-speed switched reluctance motors; P.J. Lawrenson et al; IEE proc, Vol 127, Pt.B, No.4, 07/1980, pp 253-265

Examine

Date

Considered

INFORMATION DISCLOSURE CITATION LIST

ALTERNATE FORM PTO-1449
(Corrected Listing of Original List)

27	OD 071	Das Einphasenwechselstromsystem hoherer Frequenz; J.G. Heft; Elektrische Bahnen eb; 12/1987, pp 388-389
28	OD 072	Power Transmission by Direct Current; E. Uhlmann; ISBN 3-540-07122-9 Springer- Verlag, Berlin/Heidelberg/New York; 1975, pp 327-328
29	OD 073	Elektriska Maskiner; F. Gustavson; Institute for Elkraftteknik, KTH; Stockholm, 1996, pp 3-6 - 3-12
30	OD 074	Die Wechselstromtechnik; A. Cour' Springer Verlag, Germany; 1936, pp 586-598
31	OD 075	Insulation systems for superconducting transmission cables; O. Toennesen; Nordic Insulation Symposium, Bergen, 1996, pp 425-432
32	OD 076	MPTC: An economical alternative to universal power flow controllers; N. Mohan; EPE 1997, Trondheim, pp 3.1027-3.1030
33	OD 078	Lexikon der Technik; Luger; Band 2, Grundlagen der Elektrotechnik und Kerntechnik, 1960, pp 395
34	OD 079	Das Handbuch der Lokomotiven (hungarian locomotive V40 1 'D '); B. Hollingsworth et al; Pawlak Verlagsgesellschaft; 1933, pp. 254-255
35	OD 080	Synchronous machines with single or double 3-phase star-connected winding fed by 12- pulse load commutated inverter. Simulation of operational behaviour; C. Ivarson et al; ICEM 1994, International Conference on electrical machines, Vol. 1, pp 267-272
36	OD 081	Elkrafthandboken, Elmaskiner; A. Rejminger; Elkrafthandboken, Elmaskiner 1996, 15-20
37	OD 082	Power Electronics - in Theory and Practice; K. Thorborg; ISBN 0-86238-341-2, 1993, pp 1-13
38	OD 083	Regulating transformers in power systems- new concepts and applications; E. Wirth et al; ABB Review 04/1997, p 12- 20,
39	OD 084	Transforming transformers; S. Mehta et al; IEEE Spectrum, July 1997, pp. 43-49
40	OD 085	A study of equipment sizes and constraints for a unified power flow controller; J. Bian et al; IEEE Transactions on Power Delivery, Vol. 12, No. 3, July 1997, pp. 1385-1391
41	OD 086	Industrial High Voltage; F.H. Kreuger; Industrial High Voltage 1991 Vol I, pp. 113-117
42	OD 087	Hochspannungstechnik; A. Kuchler; Hochspannungstechnik, VDI Verlag 1996, pp. 365- 366, ISBN 3-18-401530-0 or 3-540-62070-2
43	OD 088	High Voltage Engineering; N.S. Naidu; High Voltage Engineering ,second edition 1995 ISBN 0-07-462286-2, Chapter 5, pp 91-98,
44	OD 089	Performance Characteristics of a Wide Range Induction Type Frequency Converter; G.A. Ghoneem; Ieema Journal, September 1995, pp 21-34
45	OD 090	International Electrotechnical Vocabulary, Chapter 551 Power Electronics; unknown author; International Electrotechnical Vocabulary Chapter 551: Power Electronics Bureau Central de la Commission Electrotechnique Internationale, Geneve; 1982, pp 1-65
46	OD 091	Design and manufacture of a large superconducting homopolar motor; A.D. Appleton; IEEE Transactions on Magnetics, Vol. 19, No. 3, Part 2, 05/1983, pp 1048-1050
47	OD 092	Application of high temperature superconductivity to electric motor design; J.S. Edmonds et al; IEEE Transactions on Energy Conversion 06/1992, No. 2 , pp 322-329
48	OD 093	Power Electronics and Variable Frequency Drives; B. Bimal; IEEE industrial Electronics - Technology and Applications, 1996, pp. 356,
49	OD 094	Properties of High Plymer Cement Mortar; M. Tamai et al; Science & Technology in Japan, No 63 ; 1977, pp 6-14
50	OD 095	Weatherability of Polymer-Modified Mortars after Ten-Year Outdoor Exposure in Koriyama and Sapporo; Y. Ohama et al; Science & Technology in Japan No. 63; 1977, pp 26-31
51	OD 096	SMC Powders Open New Magnetic Applications; M. Persson (Editor); SMC Update ,Vol. 1, No. 1, April 1997
52	OD 097	Characteristics of a laser triggered spark gap using air, Ar, CH ₄ , H ₂ , He, N ₂ , SF ₆ and Xe; W.D. Kimura et al; Journal of Applied Physics, Vol. 63, No 6, 15 March 1988, p. 1882- 1888

Examine

Date
Considered

RECEIVED
AUG 12 2002
TECHNOLOGY CENTER 2800

RECEIVED
AUG 12 2002
TECHNOLOGY CENTER 2800

Examine r	Date Considered
--------------	--------------------